

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

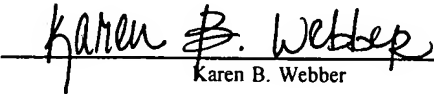
Box Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of David R. Scholl, Patricia Gail Ray Goodrum and Yung T. Huang for MIXED CELL DIAGNOSTIC SYSTEMS.

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the U.S. Postal Service on this date March 30, 2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV 329 476 593 US addressed to: Box Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Karen B. Webber

1. **Type Of Application**
This new application is for a(n)
☒ Original (nonprovisional)
2. **Benefit Of Prior U.S. Application(s)** (35 U.S.C. §§ 119(e), 120, or 121)
☒ The new application being transmitted claims the benefit of prior U.S. application(s) and enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.
3. **Papers Enclosed That Are Required For Filing Date Under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application**
67 Pages of Specification
5 Pages of Claims
1 Page of Abstract
0 Sheets of Drawings
4. **Declaration**
☒ Enclosed
☒ Executed by inventors.
5. **Inventorship Statement**
The inventorship for all the claims in this application is:
☒ the same
6. **Sequence Listing**
☒ Enclosed are Sequence Listing submitted in paper copy and on a computer-readable diskette, and a Certificate re Sequence Listing.
7. **Language**
☒ English
8. **Fee Calculation** (37 C.F.R. § 1.16)
☒ Regular application

PATENT

Attorney Docket No.: DHI-08810

CLAIMS AS FILED

Number Filed	Number Extra	Rate	Basic Fee - \$770.00 (37 C.F.R. § 1.16(a))
Total Claims (37 C.F.R. § 1.16(c))	34 - 20 =	14 × \$18.00 =	\$252.00
Independent Claims (37 C.F.R. § 1.16(b))	5 - 3 =	2 × \$86.00 =	\$172.00
Multiple Dependent Claim(s), if any (37 C.F.R. § 1.16(d))	+ \$290.00 =		\$0.00
Filing Fee Calculation			\$1194.00

9. Small Entity Statement(s)

☒ Verified Statement(s) that this is a filing by a small entity under 37 C.F.R. §§ 1.9 and 1.27.

Filing Fee Calculation (50% of above) \$597.00

10. Fee Payment Being Made At This Time

☒ Enclosed

☒ basic filing fee

\$597.00

Total Fees Enclosed \$597.00

11. Method of Payment of Fees

☒ Check in the amount of \$597.00

12. Authorization To Charge Additional Fees and Credit Overpayment

☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No.: 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

13. Return Receipt Postcard

☒ Enclosed

Dated: March 30, 2004

Mahattandan
Maha A. Hamdan
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☒ Incorporation By Reference Of Added Pages

☒ Plus Added Pages For New Application Transmittal Where Benefit Of Prior U.S. Application(s)
Claimed

Number of pages added 1

ADDED PAGES FOR APPLICATION TRANSMITTAL
WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

14. Relate Back

A. 35 U.S.C. § 119(e)

B. 35 U.S.C. §§ 120, 121 and 365(c)

- ☒ This is a continuation-in-part application of co-pending U.S. Application Serial No. 10/407,789, filed April 4, 2003, which is a continuation of U.S. Application Serial No. 09/927,481, filed August 9, 2001, and issued on June 3, 2003 as patent No. 6,573,080, which is a continuation of U.S. Application Serial No. 09/661,849, filed September 14, 2000, and issued on April 23, 2002 as Patent No. 6,376,172, which is a divisional of U.S. Application Serial No. 09/066,072, filed April 24, 1998, which issued on January 2, 2001 as U.S. Patent No. 6,168,915.

15. Notification In Parent Application Of This Filing

- ☒ A notification of the filing of this
☒ continuation-in-part
is being filed in the parent application from which this application claims priority under 35 U.S.C. § 120.